

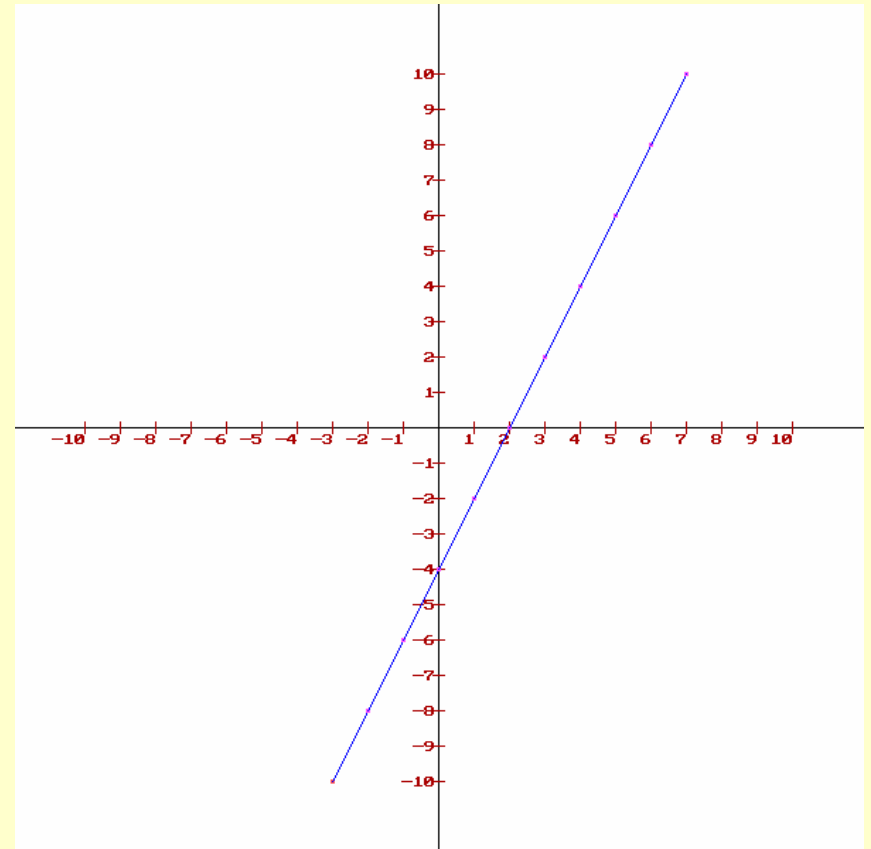
Axis Intercepts

Are you taking notes?

Zero Method

Example #1

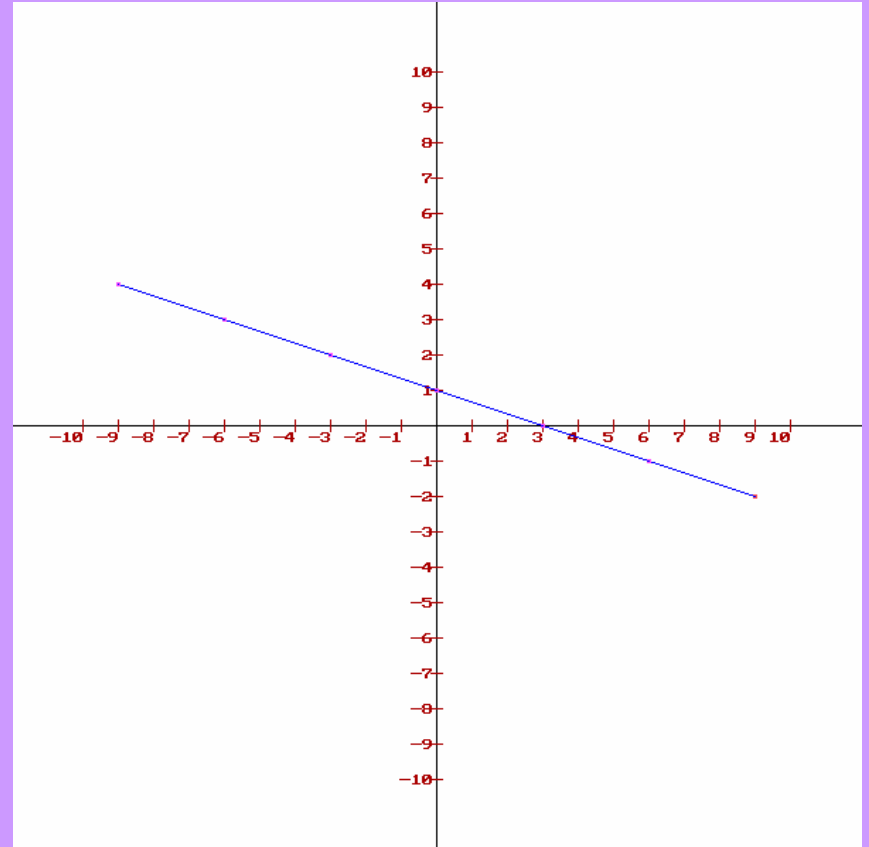
- $y = 2x - 4$
- Replace y with zero
- Solve $0 = 2x - 4$
- $x = 2$
- Replace x with zero
- Solve $y = 2(0) - 4$
- $y = -4$



Zero Method

Example #2

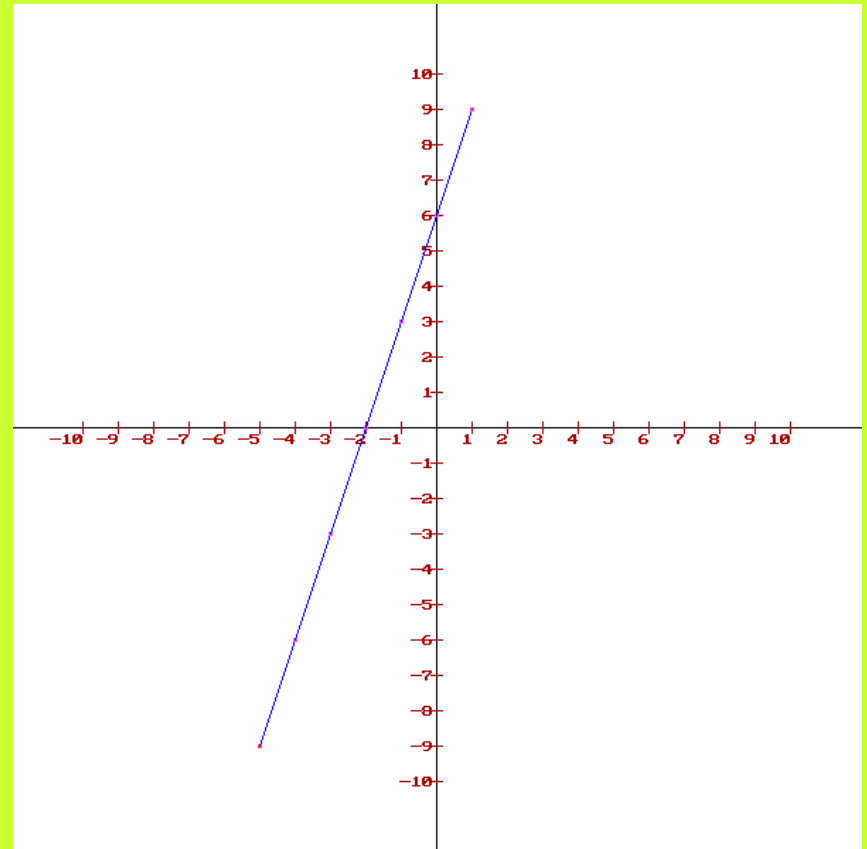
- $2x + 6y = 6$
- Replace the y with zero
- Solve $2x + 6(0) = 6$
- $x=3$
- Replace the x with zero
- Solve $2(0) + 6y = 6$
- $y=1$



Zero Method

Example #3

- $6x = 2y - 12$
- Replace the y with zero
- Solve $6x = 2(0) - 12$
- $x = -2$
- Replace the x with zero
- Solve $6(0) = 2y - 12$
- $y = 6$



Zero Method

Example #4

- $Y = \frac{1}{2}x + 2$
- Replace the y with zero
- Solve $0 = \frac{1}{2}x + 2$
- $x = -4$
- Replace the x with zero
- Solve $y = \frac{1}{2}(0) + 2$
- $y = 2$

